

CLAIMS

1. A lockset drilling guide comprising:
a frame; and
at least a first opening and a second opening defined in said frame, said first opening positioned at approximately 90 degrees to said second opening,
said frame configured for positioning on a door to facilitate the forming of openings in said door for the installation of a lockset.
2. The lockset drilling guide of claim 1 further comprising at least one spacing tab positionable between said frame and said door.
3. The lockset drilling guide of claim 2, wherein said at least one spacing tab is flexibly attached to said frame.
4. The lockset drilling guide of claim 2, further comprising at least three spacing tabs, each of said spacing tabs defining at least one upstanding peg for insertion in a corresponding opening defined on said frame.
5. The lockset drilling guide of claim 4, wherein said upstanding pegs are circular in cross section and are sized to removably engage a corresponding opening on said frame.
6. The lockset drilling guide of claim 1, wherein said frame is L-shaped in configuration having a first flange and a second flange mounted perpendicularly thereto, and said first opening is defined in said first flange and said second opening is defined in said second flange.
7. The lockset drilling guide of claim 6 wherein said first and second openings are circular.
8. The lockset drilling guide of claim 6 further comprising a cylindrical wall surrounding each of said first and second openings.

9. The lockset drilling guide of claim 1 wherein said first and second openings are adapted to closely hold and guide the outer wall of a holesaw.

10. The lockset drilling guide of claim 1 wherein said first and second openings have differing diameters.

11. The lockset drilling guide of claim 10 further comprising a first and a second holesaw adapted to fit each of said first and second openings.

12. The lockset drilling guide of claim 1 wherein said door comprises a thickness of about 1 3/8-inches.

13. The lockset drilling guide of claim 1 wherein said door comprises a thickness of about 1 3/4 –inches.

14. The lock set drilling guide of claim 1 further comprising a center of said first opening located about 2 3/8-inches.

15. The lockset drilling guide of claim 1 further comprising a center of said first opening located about 2 3/4-inches from said edge of said door.

16. A drilling guide for drilling openings in a door for the mounting of a lockset, said guide comprising:

an angular frame for positioning along the edge of said door;

at least a first and a second opening defined in said frame, said openings positioned relative to each other to guide the drilling of a corresponding first and second holes in said door having perpendicularly extending axes; and

at least one spacing tab mountable to said drilling guide, each of said at least one tabs being flexibly attached to said frame via at least one strap.

17. The drilling guide of claim 16 further comprising a first flange and a second flange wherein said first and second flanges are positioned at approximately 90 degrees to each other.

18. The drilling guide of claim 16 wherein said first and second openings are configured to guide a first and second holesaw.

19. The drilling guide of claim 16 wherein said drilling guide is mountable to said door via fasteners.

20. The drilling guide of claim 16 further comprising at least three spacing tabs, each of said spacing tabs defining at least one upstanding peg for insertion in a corresponding opening defined on said frame.

21. The drilling guide of claim 20, wherein said upstanding pegs are circular in cross section and are sized to removably engage a corresponding opening on said frame.

22. The drilling guide of claim 16, wherein said frame is L-shaped in configuration having a first flange and a second flange mounted perpendicularly thereto, and said first opening is defined in said first flange and said second opening is defined in said second flange.

23. The drilling guide of claim 16 wherein said first and second openings are circular.

24. The drilling guide of claim 16 further comprising a center of said first opening located about 2 3/8-inches from said edge of said door.

25. The drilling guide of claim 16 further comprising a center of said first opening located about 2 3/4-inches from said edge of said door.

26. The drilling guide of claim 16 further comprising a cylindrical wall surrounding each of said first and second openings.

27. The drilling guide of claim 16 wherein said first and second openings have differing diameters.

28. The drilling guide of claim 16 wherein said door comprises a thickness of about 1 3/8-inches.

29. The drilling guide of claim 16 wherein said door comprises a thickness of about 1 3/4 -inches.

30. A drilling guide for drilling holes in a door for the mounting of a lockset, said guide comprising:

an L-shaped frame for positioning along the edge of said door;
a first cylindrical opening defined in said frame having a first axis and a second cylindrical opening defined in said frame having a second axis, said first and second axes intersecting at approximately 90 degrees to each other, said openings configured to guide correspondingly sized holesaws for forming holes in said door; and

at least one spacing tab for spacing said frame a predefined distance from said door.

31. The guide of claim 30 wherein said L-shaped frame includes a first flange and a second flange extending approximately 90 degrees therefrom.

32. The guide of claim 30 wherein said first and second openings are defined having first and second axes perpendicular to said first and second flanges wherein said first opening is defined in said first flange and said second opening is defined in said second flange.

33. The guide of claim 30 wherein said at least one spacing tab is mountable to said frame on at least a first or a second flange, said flanges being arranged at 90 degrees to each other.

34. The guide of claim 30 wherein said at least one spacing tab is attached to said frame via a flexible strap.

35. The guide of claim 30 further comprising a plurality of spacing tabs.

36. The guide of claim 35 wherein at least one spacing tab is removably mountable to said first flange and said second spacing tab is mountable to said second flange.

37. The drilling guide of claim 30 wherein said first and second openings are circular.

38. The drilling guide of claim 30 further comprising a cylindrical wall surrounding each of said first and second openings.

39. The drilling guide of claim 30 wherein said first and second openings have differing diameters.

40. A drilling guide for boring holes in a door for the mounting of a lockset, said guide comprising:

an L-shaped frame having a first flange and a second flange mounted perpendicularly thereto, said flanges defining first and second rear faces;

a first circular opening defined in said first flange said first opening including a first annular lip;

a second circular opening defined in said second flange, said second opening including a second annular lip;

a plurality of spacing tabs flexibly attached to said frame, said tabs being removably mountable to said rear faces.

41. The drilling guide of claim 40 wherein said first opening is positioned at approximately 90 degrees to said second opening.

42. The drilling guide of claim 40 wherein said first and second openings are adapted to closely hold and guide the outer wall of a holesaw.

43. The drilling guide of claim 40 wherein said first and second openings have differing diameters.

44. The drilling guide of claim 40 wherein said drilling guide is mountable to said door via fasteners.

45. A method for forming holes in a door, said method comprising the steps of:

providing a frame having at least a first opening and a second opening defined in said frame, said first opening positioned at approximately 90 degrees to said second opening;

positioning said frame on an edge of said door;

inserting a first holesaw at least partially into said first opening and drilling a first hole in said door;

inserting a second holesaw at least partially into said second opening and drilling a second hole in said door; and

removing said frame from said door.

46. The method of claim 45 further comprising the step of attaching said frame to said door via at least one fastener.

47. The method of claim 46 further comprising the step of removing said frame from said door and mounting a door latch plate via openings on said door previously made by said at least one fastener.

48. The method of claim 45 wherein said first and second holes extend approximately 90 degrees to each other.

49. The method of claim 45 further comprising guiding said first holesaw with said first opening and guiding said second holesaw with said second opening.

50. The method of claim 45 further comprising the step of providing a plurality of spacing tabs mountable to said frame, said plurality of spacing tabs for positioning said frame a predefined distance from said door.

51. The method of claim 45 further comprising centering said first opening about 2 3/8-inches from said edge of said door.

52. The method of claim 45 further comprising centering said first opening about 2 3/4-inches from said edge of said door.

53. A method for forming holes in a first and a second door, said method comprising the steps of:

- providing an angular frame having at least a first opening and a second opening defined in said frame, said frame including a plurality of spacing tabs mountable thereto;

- positioning said frame on an edge of said first door;

- forming openings in said first door guided by said first and second openings;

- removing said frame from said first door;

- mounting said spacing tabs to said frame;

- positioning said frame on an edge of said second door;

- forming openings in said second door guided by said first and second openings.

54. The method of claim 53 further comprising the step of mounting said frame on said first door via a pair of fasteners inserted through a pair of throughgoing openings on said frame.

55. The method of claim 54 further comprising the step of removing said frame from said first door and mounting a door latch plate via openings on said first door previously made by said fasteners.

56. The method of claim 53 further comprising the step of mounting said frame on said second door via a pair of fasteners inserted through a pair of throughgoing openings on said frame.

57. The method of claim 56 further comprising the step of removing said frame from said second door and mounting a door latch plate via openings on said second door previously made by said fasteners.

58. The method of claim 53 wherein said first door is one of 1 3/8-inches and 1 3/4-inches and said second door is the other of 1 3/8-inches and 1 3/4-inches.

59. An apparatus for drilling holes in a door for the mounting of a lockset, said apparatus comprising:

- an angular frame for positioning along the edge of said door;
- a first cylindrical opening defined in said frame having a first axis and a second cylindrical opening defined in said frame having a second axis, said first and second axes intersecting at approximately 90 degrees to each other;

- at least one holesaw blade sized to fit within at least one of said openings; and

- at least one spacing tab mountable to said frame for spacing said frame a predefined distance from said door.

60. A method of mounting a lockset on a door having a face and an edge, said method comprising the steps of:

- providing a frame member having an L-shaped cross section;
- attaching said frame member to said door by driving at least one first fastener through said frame member into said edge of said door;

- forming an opening for the mounting of said lockset using said frame member as a guide;

- removing said at least one first fastener and said frame from said door; and

- mounting said lockset in said opening.

61. The method of claim 60 wherein said frame member extends at least partially along said face and said edge, said frame member comprising at least one opening defined therein.

62. The method of claim 61 wherein said step of forming said opening further comprises cutting a hole in said door face using a holesaw.

63. The method of claim 60 further comprising the step of mounting a latch plate to the edge of said door by inserting at least one second fastener through said plate and into an opening formed by said first fastener.